

**Table 40. Employed doctoral scientists and engineers, by employer location and broad occupation: 2001**

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Employer location	Total	Scientists							Engineers	Non-S&E occupations
		All scientists	Computer and information scientists	Mathematical scientists	Life and related scientists	Physical and related scientists	Social and related scientists	Psychologists		
[Number]										
All locations.....	574,890	352,320	34,660	21,900	107,850	73,840	47,200	66,860	75,420	147,150
New England.....	47,450	30,810	3,390	1,660	9,730	5,980	4,340	5,700	5,270	11,370
Connecticut.....	9,490	6,380	280	250	2,180	1,480	740	1,450	880	2,230
Maine.....	1,990	1,350	60	S	440	250	320	260	160	480
Massachusetts.....	29,100	18,870	2,550	1,140	6,210	3,460	2,490	3,020	3,230	7,000
New Hampshire.....	2,470	1,470	360	S	280	360	130	300	430	580
Rhode Island.....	2,640	1,640	60	160	300	340	370	410	290	700
Vermont.....	1,750	1,090	90	50	320	100	280	260	280	380
Middle Atlantic.....	92,860	59,520	6,290	3,950	16,280	12,150	7,710	13,130	10,020	23,320
New Jersey.....	22,740	14,350	2,500	1,090	3,710	3,560	1,340	2,160	3,050	5,340
New York.....	43,980	28,400	2,580	1,790	7,500	4,690	4,050	7,800	3,930	11,650
Pennsylvania.....	26,140	16,770	1,210	1,080	5,080	3,910	2,320	3,160	3,040	6,330
East North Central.....	77,860	47,090	3,940	3,180	13,350	10,030	7,070	9,520	11,870	18,890
Illinois.....	22,110	13,460	1,510	990	3,900	2,600	2,310	2,130	2,450	6,200
Indiana.....	9,580	5,960	380	440	1,640	1,160	1,080	1,260	1,390	2,230
Michigan.....	17,380	10,130	740	890	2,790	2,060	1,330	2,310	3,600	3,640
Ohio.....	20,070	12,010	890	630	3,340	2,960	1,640	2,550	3,430	4,620
Wisconsin.....	8,720	5,530	420	220	1,690	1,240	710	1,260	1,000	2,200
West North Central.....	34,010	21,880	930	1,230	8,590	3,640	3,140	4,370	3,600	8,530
Iowa.....	4,390	3,140	140	370	1,200	450	600	390	380	870
Kansas.....	3,970	2,730	170	150	1,120	260	360	670	350	880
Minnesota.....	11,410	6,630	290	300	2,260	1,290	1,010	1,490	1,640	3,140
Missouri.....	9,280	5,690	200	250	2,330	1,140	690	1,090	950	2,630
Nebraska.....	1,080	800	S	S	390	100	90	150	120	160
North Dakota.....	2,890	2,220	90	60	1,060	280	300	450	140	520
South Dakota.....	1,000	660	S	50	230	120	100	130	S	320
South Atlantic.....	109,440	68,700	5,670	5,040	21,800	13,970	11,090	11,140	11,110	29,630
Delaware.....	3,540	2,030	180	S	780	720	120	210	440	1,070
District of Columbia.....	14,200	8,690	500	500	1,410	1,300	4,080	900	690	4,820
Florida.....	15,740	9,080	580	450	2,800	1,520	1,210	2,530	2,160	4,500
Georgia.....	11,990	7,790	720	430	2,520	1,410	1,290	1,420	1,080	3,120
Maryland.....	22,730	15,190	1,210	1,260	6,360	3,370	1,070	1,910	2,340	5,210
North Carolina.....	16,760	10,720	810	810	4,370	2,090	1,010	1,620	1,220	4,820
South Carolina.....	5,130	3,100	130	260	1,120	640	460	500	880	1,140
Virginia.....	17,460	10,860	1,460	1,210	2,030	2,540	1,690	1,920	2,010	4,580
West Virginia.....	1,890	1,250	70	80	410	380	160	130	280	360
East South Central.....	22,080	13,510	880	1,120	4,840	2,570	1,810	2,300	2,990	5,580
Alabama.....	5,330	3,070	250	400	1,050	500	390	480	990	1,260
Kentucky.....	4,590	2,930	220	370	1,120	260	510	460	230	1,430
Mississippi.....	3,170	1,900	S	130	880	450	220	190	390	880
Tennessee.....	8,980	5,600	380	210	1,780	1,360	690	1,180	1,380	2,010

See explanatory information and SOURCE at end of table.

**Table 40. Employed doctoral scientists and engineers, by employer location and broad occupation: 2001**

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Employer location	Total	Scientists							Engineers	Non-S&E occupations
		All scientists	Computer and information scientists	Mathematical scientists	Life and related scientists	Physical and related scientists	Social and related scientists	Psychologists		
[Number]										
West South Central.....	44,700	26,390	2,620	1,270	8,660	6,080	3,320	4,440	7,040	11,270
Arkansas.....	2,560	1,760	S	S	960	250	290	190	140	670
Louisiana.....	5,290	3,250	80	260	1,210	650	440	610	670	1,370
Oklahoma.....	4,360	2,900	150	S	870	820	420	600	600	860
Texas.....	32,490	18,490	2,380	940	5,620	4,360	2,160	3,040	5,620	8,370
Mountain.....	37,950	21,990	1,980	1,560	5,440	6,620	2,460	3,920	6,670	9,290
Arizona.....	7,070	3,680	390	190	880	940	500	790	1,450	1,940
Colorado.....	11,780	7,390	790	480	1,720	2,110	850	1,450	1,630	2,750
Idaho.....	2,230	1,100	70	50	300	290	120	270	510	620
Montana.....	1,440	1,000	S	160	330	130	110	230	110	330
New Mexico.....	7,750	4,260	340	240	880	2,090	360	360	1,850	1,630
Nevada.....	2,030	1,360	90	210	220	510	130	210	270	390
Utah.....	4,820	2,570	250	190	910	380	370	470	750	1,500
Wyoming.....	840	610	S	60	210	180	S	140	100	130
Pacific.....	106,450	61,310	8,950	2,840	18,680	12,560	6,140	12,140	16,630	28,510
Alaska.....	1,200	740	60	S	230	290	90	70	80	380
California.....	80,870	45,600	7,240	2,180	12,640	9,820	4,370	9,350	13,430	21,850
Hawaii.....	2,580	1,750	140	S	570	320	370	320	180	640
Oregon.....	7,040	4,060	450	250	1,710	610	430	600	1,260	1,730
Washington.....	14,760	9,160	1,060	380	3,530	1,520	870	1,810	1,680	3,920
Puerto Rico.....	1,410	870	S	50	330	200	70	200	120	430
Other U.S. territories and other areas.....	320	100	S	S	70	S	S	S	S	190

See explanatory information and SOURCE at end of table.

**Table 40. Employed doctoral scientists and engineers, by employer location and broad occupation: 2001**

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Employer location	Total	Scientists							Engineers	Non-S&E occupations
		All scientists	Computer and information scientists	Mathematical scientists	Life and related scientists	Physical and related scientists	Social and related scientists	Psychologists		
[Percentage distribution]										
All locations.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	8.3	8.7	9.8	7.6	9.0	8.1	9.2	8.5	7.0	7.7
Connecticut.....	1.7	1.8	0.8	1.1	2.0	2.0	1.6	2.2	1.2	1.5
Maine.....	0.3	0.4	0.2	S	0.4	0.3	0.7	0.4	0.2	0.3
Massachusetts.....	5.1	5.4	7.4	5.2	5.8	4.7	5.3	4.5	4.3	4.8
New Hampshire.....	0.4	0.4	1.0	S	0.3	0.5	0.3	0.5	0.6	0.4
Rhode Island.....	0.5	0.5	0.2	0.7	0.3	0.5	0.8	0.6	0.4	0.5
Vermont.....	0.3	0.3	0.2	0.2	0.3	0.1	0.6	0.4	0.4	0.3
Middle Atlantic.....	16.2	16.9	18.1	18.1	15.1	16.5	16.3	19.6	13.3	15.8
New Jersey.....	4.0	4.1	7.2	5.0	3.4	4.8	2.8	3.2	4.0	3.6
New York.....	7.7	8.1	7.4	8.2	7.0	6.3	8.6	11.7	5.2	7.9
Pennsylvania.....	4.5	4.8	3.5	4.9	4.7	5.3	4.9	4.7	4.0	4.3
East North Central.....	13.5	13.4	11.4	14.5	12.4	13.6	15.0	14.2	15.7	12.8
Illinois.....	3.8	3.8	4.4	4.5	3.6	3.5	4.9	3.2	3.2	4.2
Indiana.....	1.7	1.7	1.1	2.0	1.5	1.6	2.3	1.9	1.8	1.5
Michigan.....	3.0	2.9	2.1	4.1	2.6	2.8	2.8	3.5	4.8	2.5
Ohio.....	3.5	3.4	2.6	2.9	3.1	4.0	3.5	3.8	4.6	3.1
Wisconsin.....	1.5	1.6	1.2	1.0	1.6	1.7	1.5	1.9	1.3	1.5
West North Central.....	5.9	6.2	2.7	5.6	8.0	4.9	6.6	6.5	4.8	5.8
Iowa.....	0.8	0.9	0.4	1.7	1.1	0.6	1.3	0.6	0.5	0.6
Kansas.....	0.7	0.8	0.5	0.7	1.0	0.3	0.8	1.0	0.5	0.6
Minnesota.....	2.0	1.9	0.8	1.4	2.1	1.7	2.1	2.2	2.2	2.1
Missouri.....	1.6	1.6	0.6	1.1	2.2	1.5	1.5	1.6	1.3	1.8
Nebraska.....	0.2	0.2	S	S	0.4	0.1	0.2	0.2	0.2	0.1
North Dakota.....	0.5	0.6	0.2	0.3	1.0	0.4	0.6	0.7	0.2	0.4
South Dakota.....	0.2	0.2	S	0.3	0.2	0.2	0.2	0.2	S	0.2
South Atlantic.....	19.0	19.5	16.4	23.0	20.2	18.9	23.5	16.7	14.7	20.1
Delaware.....	0.6	0.6	0.5	S	0.7	1.0	0.2	0.3	0.6	0.7
District of Columbia.....	2.5	2.5	1.4	2.3	1.3	1.8	8.6	1.3	0.9	3.3
Florida.....	2.7	2.6	1.7	2.0	2.6	2.1	2.6	3.8	2.9	3.1
Georgia.....	2.1	2.2	2.1	2.0	2.3	1.9	2.7	2.1	1.4	2.1
Maryland.....	4.0	4.3	3.5	5.8	5.9	4.6	2.3	2.9	3.1	3.5
North Carolina.....	2.9	3.0	2.4	3.7	4.1	2.8	2.1	2.4	1.6	3.3
South Carolina.....	0.9	0.9	0.4	1.2	1.0	0.9	1.0	0.8	1.2	0.8
Virginia.....	3.0	3.1	4.2	5.5	1.9	3.4	3.6	2.9	2.7	3.1
West Virginia.....	0.3	0.4	0.2	0.4	0.4	0.5	0.3	0.2	0.4	0.2
East South Central.....	3.8	3.8	2.5	5.1	4.5	3.5	3.8	3.4	4.0	3.8
Alabama.....	0.9	0.9	0.7	1.8	1.0	0.7	0.8	0.7	1.3	0.9
Kentucky.....	0.8	0.8	0.6	1.7	1.0	0.3	1.1	0.7	0.3	1.0
Mississippi.....	0.6	0.5	S	0.6	0.8	0.6	0.5	0.3	0.5	0.6
Tennessee.....	1.6	1.6	1.1	1.0	1.7	1.8	1.5	1.8	1.8	1.4

See explanatory information and SOURCE at end of table.

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Employer location	Total	Scientists							Non-S&E occupations	
		All scientists	Computer and information scientists	Mathematical scientists	Life and related scientists	Physical and related scientists	Social and related scientists	Psychologists		
[Percentage distribution]										
West South Central.....	7.8	7.5	7.6	5.8	8.0	8.2	7.0	6.6	9.3	7.7
Arkansas.....	0.4	0.5	S	S	0.9	0.3	0.6	0.3	0.2	0.5
Louisiana.....	0.9	0.9	0.2	1.2	1.1	0.9	0.9	0.9	0.9	0.9
Oklahoma.....	0.8	0.8	0.4	S	0.8	1.1	0.9	0.9	0.8	0.6
Texas.....	5.7	5.2	6.9	4.3	5.2	5.9	4.6	4.5	7.5	5.7
Mountain.....	6.6	6.2	5.7	7.1	5.0	9.0	5.2	5.9	8.8	6.3
Arizona.....	1.2	1.0	1.1	0.8	0.8	1.3	1.1	1.2	1.9	1.3
Colorado.....	2.0	2.1	2.3	2.2	1.6	2.9	1.8	2.2	2.2	1.9
Idaho.....	0.4	0.3	0.2	0.2	0.3	0.4	0.3	0.4	0.7	0.4
Montana.....	0.2	0.3	S	0.7	0.3	0.2	0.2	0.3	0.1	0.2
New Mexico.....	1.3	1.2	1.0	1.1	0.8	2.8	0.8	0.5	2.5	1.1
Nevada.....	0.4	0.4	0.2	1.0	0.2	0.7	0.3	0.3	0.4	0.3
Utah.....	0.8	0.7	0.7	0.9	0.8	0.5	0.8	0.7	1.0	1.0
Wyoming.....	0.1	0.2	S	0.3	0.2	0.2	S	0.2	0.1	0.1
Pacific.....	18.5	17.4	25.8	13.0	17.3	17.0	13.0	18.2	22.0	19.4
Alaska.....	0.2	0.2	0.2	S	0.2	0.4	0.2	0.1	0.1	0.3
California.....	14.1	12.9	20.9	9.9	11.7	13.3	9.3	14.0	17.8	14.8
Hawaii.....	0.4	0.5	0.4	S	0.5	0.4	0.8	0.5	0.2	0.4
Oregon.....	1.2	1.2	1.3	1.1	1.6	0.8	0.9	0.9	1.7	1.2
Washington.....	2.6	2.6	3.0	1.7	3.3	2.1	1.9	2.7	2.2	2.7
Puerto Rico.....	0.2	0.2	S	0.2	0.3	0.3	0.2	0.3	0.2	0.3
Other U.S. territories and other areas.....	0.1	S	S	S	0.1	S	S	S	S	0.1

**KEY:** S=Suppressed due to too few cases (fewer than 50 weighted cases).

**NOTES:** Since the survey sample design does not include geography, the reliability of estimates in some states may be poor due to small sample size.

Numbers are rounded to nearest ten. Details may not add to total because of rounding.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients